

GIBANJE

PREMO

$$v = \Delta v / \Delta t = v_k - v_z$$

$$a = \Delta v / \Delta t = v_k - v_z$$

PREMO ENAKOMERNO

$$\Delta s = \Delta v \times \Delta t$$

$$a = 0 \quad v = v_z = \text{konstanta}$$

PREMO ENAKOMERNO POSPEŠENO

$$s = v_z \times t + (a \times t^2) / 2$$

$$v_k = v_z + a \times t \quad v_z = v_k - a \times t$$

$$v_k^2 = v_z^2 + 2a \times s$$

PROSTI PAD

$$h = v_z \times t + (g \times t^2) / 2$$

$$v_k = v_z + g \times t \quad v_z = v_k - g \times t$$

$$v_k^2 = v_z^2 + 2g \times s$$

NAVPIČNI MET NAVZGOR

$$h = v_z \times t - (g \times t^2) / 2$$

$$v_k = v_z - g \times t \quad v_z = v_k + g \times t$$

$$v_k^2 = v_z^2 - 2g \times s$$